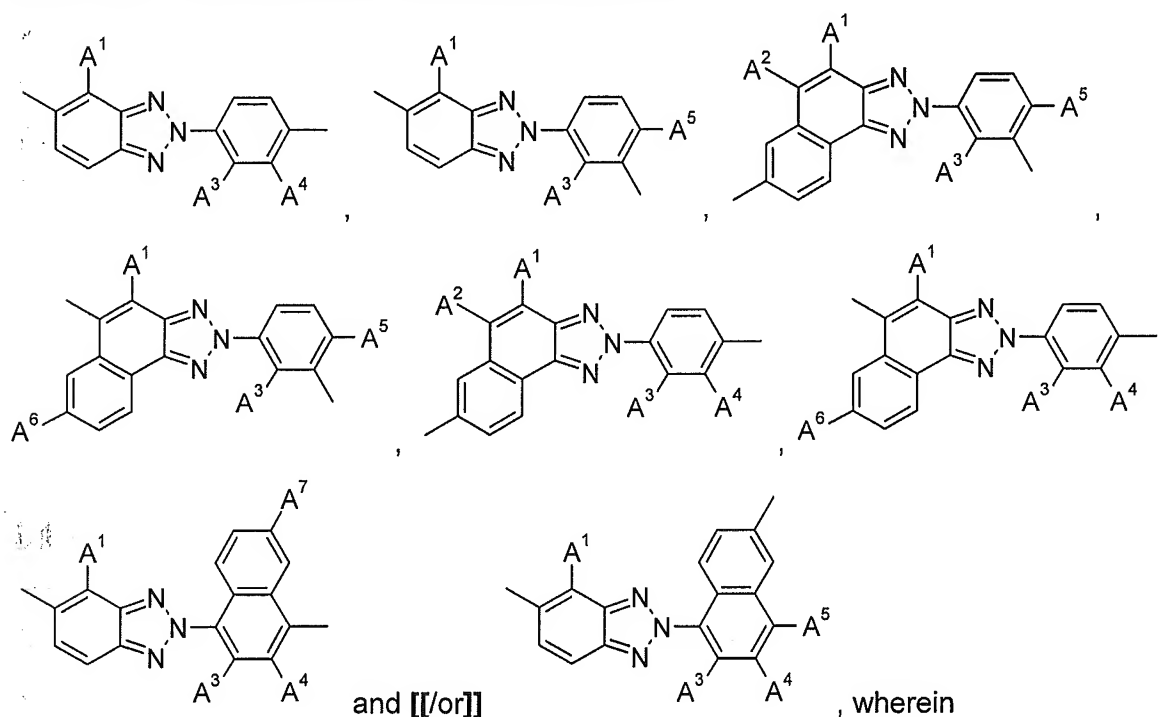


In the claims:

1-4. (cancelled)

5. (currently amended) A co-polymer comprising a ~~first repeating unit of the formula~~ at least one repeating unit selected from the group consisting of



A¹ is hydrogen, or C₁-C₁₈alkyl,

A² is hydrogen, or C₁-C₁₈alkyl,

A³ is hydrogen, or C₁-C₁₈alkoxy, or C₁-C₁₈alkyl,

A⁴ is hydrogen, or C₁-C₁₈alkyl,

A⁵ is hydrogen, C₁-C₁₈alkyl, di(C₁-C₁₈alkyl)amino, or C₁-C₁₈alkoxy,

A⁶ is hydrogen, or C₁-C₁₈alkyl,

A⁷ is hydrogen, C₁-C₁₈alkyl or C₁-C₁₈alkoxy,

and at least one [[an]] additional repeating unit T which is selected from the group consisting of

s is an integer from 1 to 10,

R¹⁴ and R¹⁵ are independently of each other H, C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by G, or C₂-C₂₀heteroaryl, C₂-C₂₀heteroaryl which is substituted by G,

R¹⁶ and R¹⁷ are independently of each other H, C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by G, C₂-C₂₀heteroaryl, or C₂-C₂₀heteroaryl which is substituted by G, C₂-C₁₈alkenyl, C₂-C₁₈alkynyl, C₁-C₁₈alkoxy, C₁-C₁₈alkoxy which is substituted by E and/or interrupted by D, C₇-C₂₅aralkyl, or -CO-R²⁸,

R¹⁸ is H; C₆-C₁₈aryl; C₆-C₁₈aryl which is substituted by C₁-C₁₈alkyl, or C₁-C₁₈alkoxy; C₁-C₁₈alkyl; or C₁-C₁₈alkyl which is interrupted by -O-;

R¹⁹ and R²⁰ are independently of each other C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by G, C₂-C₂₀heteroaryl, C₂-C₂₀heteroaryl which is substituted by G, C₂-C₁₈alkenyl, C₂-C₁₈alkynyl, C₁-C₁₈alkoxy, C₁-C₁₈alkoxy which is substituted by E and/or interrupted by D, or C₇-C₂₅aralkyl, or

R¹⁹ and R²⁰ together form a group of formula =CR¹⁰⁰R¹⁰¹, wherein

R¹⁰⁰ and R¹⁰¹ are independently of each other H, C₁-C₁₈alkyl, C₁-C₁₈alkyl which is substituted by E and/or interrupted by D, C₆-C₂₄aryl, C₆-C₂₄aryl which is substituted by G, C₂-C₂₀heteroaryl, or C₂-C₂₀heteroaryl which is substituted by G, or

R¹⁹ and R²⁰ form a ring, which can optionally be substituted, and

D is -CO-; -COO-; -S-; -SO-; -SO₂-; -O-; -NR²⁵-; -SiR³⁰R³¹-; -POR³²-; -CR²³=CR²⁴-; or -C≡C-; and

E is -OR²⁹; -SR²⁹; -NR²⁵R²⁶; -COR²⁸; -COOR²⁷; -CONR²⁵R²⁶; -CN; -OCOOR²⁷; or halogen; G is E, or C₁-C₁₈alkyl, wherein

R²³, R²⁴, R²⁵ and R²⁶ are independently of each other H; C₆-C₁₈aryl; C₆-C₁₈aryl which is substituted by C₁-C₁₈alkyl, or C₁-C₁₈alkoxy; C₁-C₁₈alkyl; or C₁-C₁₈alkyl which is interrupted by -O-; or

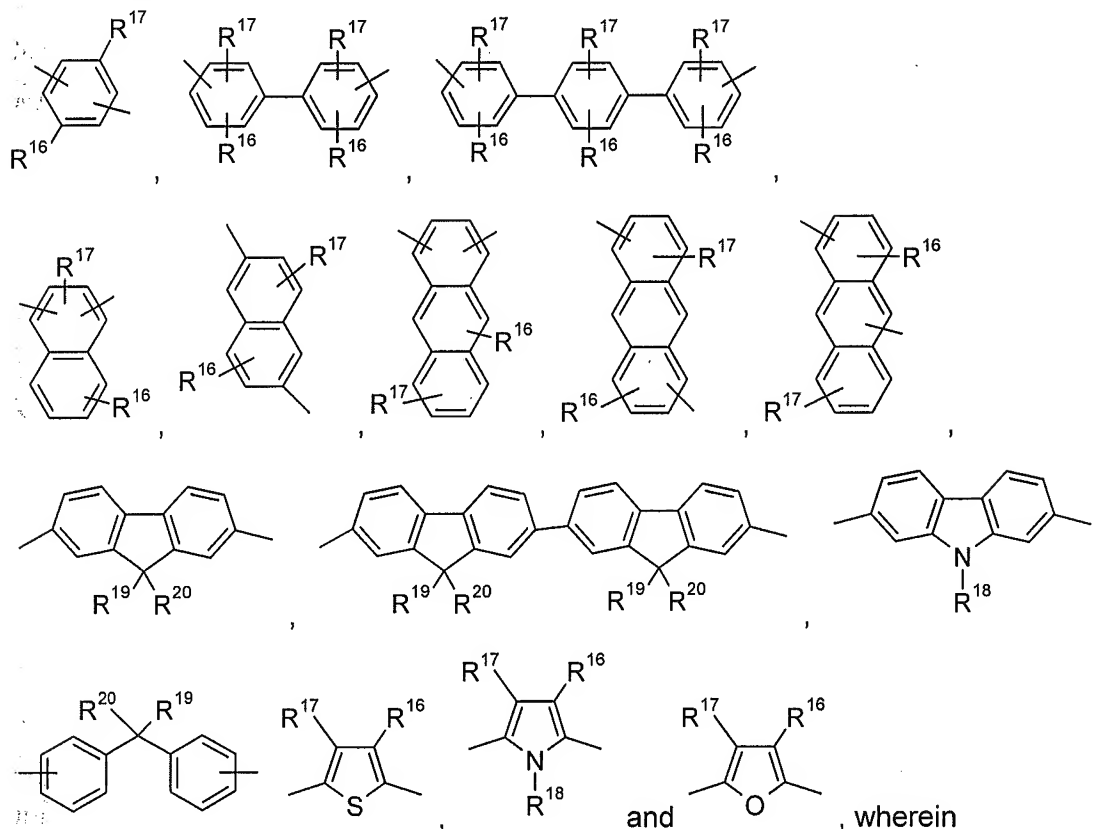
R²⁵ and R²⁶ together form a five or six membered ring, R²⁷ and R²⁸ are independently of each other H; C₆-C₁₈aryl; C₆-C₁₈aryl which is substituted by C₁-C₁₈alkyl, or C₁-C₁₈alkoxy; C₁-C₁₈alkyl; or C₁-C₁₈alkyl which is interrupted by -O-,

R²⁹ is H; C₆-C₁₈aryl; C₆-C₁₈aryl, which is substituted by C₁-C₁₈alkyl, or C₁-C₁₈alkoxy; C₁-C₁₈alkyl; or C₁-C₁₈alkyl which is interrupted by -O-,

R³⁰ and R³¹ are independently of each other C₁-C₁₈alkyl, C₆-C₁₈aryl, or C₆-C₁₈aryl, which is substituted by C₁-C₁₈alkyl, and

R³² is C₁-C₁₈alkyl, C₆-C₁₈aryl, or C₆-C₁₈aryl, which is substituted by C₁-C₁₈alkyl.

6. (previously presented) A co-polymer according to claim 5, wherein T is selected from the group consisting of

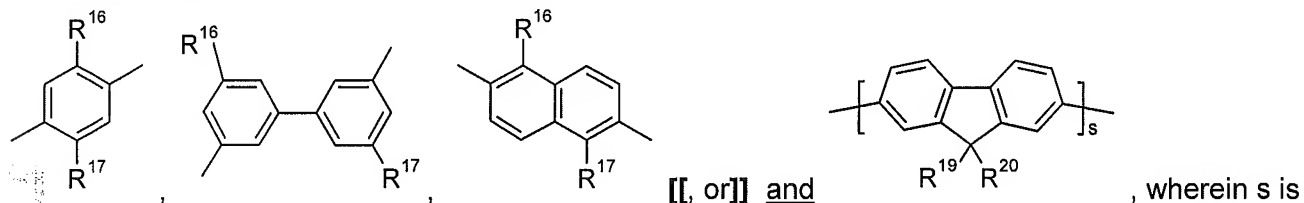


R^{18} is C_1 - C_{18} alkyl, and

R^{19} and R^{20} are independently of each other C_1 - C_{18} alkyl which can be interrupted by one or two oxygen atoms, or

R^{19} and R^{20} form a five or six membered carbocyclic ring, which optionally can be substituted by C_1 - C_4 alkyl.

7. (currently amended) A co-polymer according claim 5, [[as a]] comprising at least one additional repeating unit T in an amount up to 99.5 mol%, wherein ~~the sum of the first repeating unit(s) and the repeating unit(s) T is 100-mol%,~~ T is a group of formula selected from the group consisting of



one or two, R^{16} and R^{17} are independently of each other C_1 - C_{18} alkyl, which can be interrupted by one or two oxygen atoms, C_1 - C_{18} alkoxy, which can be interrupted by one or two oxygen atoms and R^{19}

and R^{20} are independently of each other C_1 - C_{18} alkyl, which can be interrupted by one or two oxygen atoms.

8-9. (cancelled)

10. (previously presented) An optical device or a component therefore, comprising a substrate and a polymer according to claim 5.

11. (original) An optical device according to claim 10, wherein the optical device comprises an electroluminescent device.

12. (previously presented) An optical device according to claim 11, wherein the electroluminescent device comprises

- (a) a reflective or transmissive anode
- (b) a reflective or transmissive cathode
- (c) an emissive layer comprising the polymer located between the electrodes, and optionally
- (d) a charge injecting layer for injecting positive charge carriers, and
- (e) a charge injecting layer for injecting negative charge carriers.

13-19. (cancelled).